

**Listing of Claims:**

**Claim <sup>2</sup>~~1~~ (currently amended).** A device for introducing state changes in athletic activities which comprises:

a time varying device state; said state being logically equivalent to an integer number

comprised of at least one bit;

a display; said display providing the translation of the device state to a form

interpretable by an athlete;

a plurality of configuration devices; said configuration devices setting the desired

manner of variation of the device state;

a controller; said controller reading the settings of the configuration devices,

generating random variation, maintaining the device state in accordance with

these settings and the generated variation, and communicating the resulting time

varying device state to the display;

an interruptable power source;

a durable case; said durable case being appropriate for an athletic activity.

**Claim <sup>3</sup>~~2~~ (currently amended).** A device according to claim <sup>2</sup>~~1~~, wherein the controller utilizes a microprocessor.

**Claim <sup>4</sup>~~3~~ (currently amended).** A device according to claim <sup>2</sup>~~1~~, wherein the display comprises a plurality of sets of differently colored LEDs.

**Claim <sup>5</sup>~~4~~ (currently amended).** A device according to claim <sup>2</sup>~~1~~, wherein the display is symbolic.

Appl. No. : 10/025,310 Amended claims  
Amdt. dated Oct 10, 2003  
Reply to the Office Action of July 15, 2003

**Claim <sup>6</sup>~~5~~ (currently amended).** A device according to claim <sup>2</sup>~~1~~, wherein the display is alphanumeric.

**Claim <sup>7</sup>~~6~~ (currently amended).** A device according to claim <sup>2</sup>~~1~~, wherein the display emits sound.

**Claim <sup>8</sup>~~7~~ (currently amended).** A device according to claim <sup>2</sup>~~1~~, wherein the display emits speech.

**Claim <sup>9</sup>~~8~~ (currently amended).** A device according to claim <sup>2</sup>~~1~~, wherein the interruptable power source is a removable battery and a switch.

**Claim <sup>10</sup>~~9~~ (currently amended).** A device according to claim <sup>2</sup>~~1~~, wherein the interruptable power source is line power and a switch.

**Claim <sup>11</sup>~~10~~ (currently amended).** A method whereby athletes train or compete, comprising the steps of:

- (b) setting the manner in which the device state is to be varied in time;
- (d) varying that device state in accordance with those settings while utilizing a random variation to determine state transitions timing and outcome;
- (e) displaying said device state to one or more athletes in a form interpretable within the context of the current athletic activity;
- (f) reacting to the provided state information as appropriate for the current athletic activity.

**Claim <sup>12</sup>~~11~~ (currently amended).** A device according to claim <sup>2</sup>~~1~~, wherein the device functionally is distributed into a plurality of separate parts, comprising:

at least one display controller;

a plurality of transmitter receivers; said transmitter receivers serving to provide

communications between the display controllers and the controller;

at least one display unit; said display units comprising one display, one display

controller, one transmitter receiver, one interruptable power source, and a durable

case appropriate for an athletic activity;

a remote controller; said remote controller comprising the configuration devices, the

controller, one transmitter receiver, one interruptable power source, and a durable

case suitable for the remote controller.

*1*  
*A* **Claim <sup>13</sup>12 (currently amended).** A device according to claim <sup>12</sup>~~11~~, wherein the remote controller is demoted to a remote control and maintenance of the device state transferred to the display controller in each display unit.

**Claim <sup>14</sup>13 (currently amended).** A device according to claim <sup>12</sup>~~11~~, wherein the display unit is worn by an athlete.

**Claim <sup>15</sup>14 (currently amended).** A device according to claim <sup>12</sup>~~11~~, wherein the display unit is attached to a piece of athletic equipment.

**Claim <sup>16</sup>15 (currently amended).** A device according to claim <sup>12</sup>~~11~~, wherein the remote controller causes all display units to show the same device state.

**Claim <sup>17</sup>16 (currently amended).** A device according to claim <sup>12</sup>~~11~~, wherein the remote controller causes each display unit to show a different part of the device state.

Appl. No. : 10/025,310 Amended claims

Amdt. dated Oct 10, 2003

Reply to the Office Action of July 15, 2003

**Claim ~~17~~<sup>18</sup> (currently amended).** A device according to claim ~~11~~<sup>12</sup>, wherein the remote controller coordinates the parts of the device state displayed on multiple display units such that they correspond to one or more signals moving unpredictably in a one, two, or three dimensional path across the playing area.

**Claim ~~18~~<sup>19</sup> (currently amended).** A device according to claim ~~11~~<sup>12</sup>, wherein verbal communication is provided by a speaker and a microphone located in the remote controller and the display units.

**Claim ~~19~~<sup>20</sup> (currently amended).** A device according to claim ~~11~~<sup>12</sup>, wherein verbal communication is provided by a speaker and a microphone located in the remote controller and the display units; said communication being selectively enabled for each display unit by a configuration device on the remote controller.

**Claim ~~20~~<sup>21</sup> (currently amended).** A method according to claim ~~10~~<sup>11</sup>, when a plurality of display units are utilized, comprising the additional steps of:

- (a) setting the manner in which the device state is to be displayed on each display unit;
  - (c) distributing the display units upon the athletic field.
-

Appl. No. : 10/025,310 Amended Figures  
Amdt. dated Oct 10, 2003  
Reply to the Office Action of July 15, 2003

The following 5 page are a full set of replacement sheets.

Figure 1 removed text. Numbers were retained and are unchanged.

Figure 2 removed text. Parts have been renumbered. Additionally, the power source (now 40) has been redrawn as a battery.

Figures 3 through 5 are new and are drawings corresponding to parts of the original claims which were previously only stated within the claims text. No new subject matter is presented. One skilled in the arts would assume a device more or less as drawn from reading the original text.

In Figures 3A and 3B identical electronic devices are replicated between the two parts of the device. For instance, each has a microphone 130. The intended meaning is that two identical microphones are used, one in each part of the device.